

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	10	(phrase or word or utterance) same recognition same ("speech recognition engine" or "speech engine") same (TTS or "text\$1to\$1speech") and pronunciation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 14:21
S2	839	704/251.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/08 11:18
S3	101	S2 and ("speech engine" or "speech recognition engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/08 11:48
S4	0	"grammar\$1tree" same ("speech engine" or "speech processing engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/08 13:04
S5	1068	"grammar\$1tree" or ("speech engine" or "speech processing engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/08 13:04
S6	0	"grammar\$1tree" and ("speech engine" or "speech processing engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/08 13:04
S7	204	("grammar\$1tree" or tree) and ("speech engine" or "speech processing engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/08 13:26

## EAST Search History

S8	839	704/251.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/08 13:27
S9	153	S8 and tree	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/08 13:27
S10	67	S9 and grammar	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/08 13:27
S11	16	("6163768").URPN.	USPAT	OR	ON	2007/01/08 13:48
S12	58	( "4618984"   "4759068"   "4776016"   "4783803"   "4805218"   "4805219"   "4817156"   "4817158"   "4817161"   "4819271"   "4827521"   "4829576"   "4829577"   "4829578"   "4833712"   "4876720"   "4882759"   "4903305"   "4914703"   "4926488"   "4931950"   "4972485"   "4984177"   "4991217"   "5027406"   "5031217"   "5033087"   "5036538"   "5046099"   "5050215"   "5054074"   "5054085"   "5072452"   "5127055"   "5129001"   "5170432"   "5202952"   "5222190"   "5231670"   "5278942"   "5333236"   "5398220"   "5428707"   "5440663"   "5444768"   "5465317"   "5467425"   "5468947"   "5491774"   "5497447"   "5600756"   "5710864"   "5715367"   "5732187"   "5754972"   "5765132"   "5809464"   "5937380").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 14:00

## EAST Search History

S13	711197	notif\$7 same ("speech engine" same "speech recognition engine")]	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/08 14:18
S14	7	notif\$7 same ("speech engine" same "speech recognition engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/08 14:18
S15	8	"5933804"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/08 15:01
S16	2	"5933804".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/08 15:01
S17	2	"20030191648"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 14:15
S18	17	"developer" same ("speech engine" or "speech processing engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/16 07:27
S19	22	("6078885").URPN.	USPAT	OR	ON	2007/01/10 13:18
S20	6	("5384893"   "5592585"   "5682501"   "5727120"   "5774854"   "5933804").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/10 14:06
S21	1	grammar\$1sub\$1tree\$1	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/10 14:06

## EAST Search History

S22	83	utterance same categoriz\$7	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/10 14:07
S23	13	(phrase or word or utterance) with recognition same ("speech recognition engine" or "speech engine") with (TTS or "text\$1to\$1speech")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 14:23
S24	13	(phrase or word or utterance) with recognition same ("speech recognition engine" or "speech engine") with (TTS or "text\$1to\$1speech")with ("speech recognition engine" or "speech engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/16 09:35
S25	6	(phrase or word or utterance) with recognition same ("speech recognition engine" or "speech engine") same (TTS or "text\$1to\$1speech")adj10 ("speech recognition engine" or "speech engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 14:32
S26	1	tts adj (speech same engine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 15:07
S27	231	tts adj10 (speech same engine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 15:07
S28	166	tts adj5 (speech same engine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 15:07

## EAST Search History

S29	27	tts adj2 (speech same engine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 15:07
S30	4	("4692941"   "4831654"   "5384893"   "5636325").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/10 16:04
S31	2	("6119085").URPN.	USPAT	OR	ON	2007/01/11 08:22
S32	0	"10647709"	USPAT	OR	ON	2007/01/11 08:22
S33	0	"10/647709"	USPAT	OR	ON	2007/01/11 11:17
S34	4	categoriz\$5 same tree same speech	USPAT	OR	ON	2007/01/11 11:53
S35	774	(categoriz\$5 or grammar or group) same tree same (speech or words)	USPAT	OR	ON	2007/01/11 11:53
S36	242	S35 and "704".clas.	USPAT	OR	ON	2007/01/11 11:52
S37	242	S35 and "704".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/11 11:53
S38	1900	(categoriz\$5 or grammar or group) same tree same (speech or words)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/11 11:53
S39	419	S38 and "704".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/11 11:54
S40	13	categoriz\$5 same tree same speech	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/11 11:53

## EAST Search History

S41	25	("developer" or programmer) same ("speech engine" or "speech processing engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/16 07:59
S42	8	("developer" or programmer) same ("speech") same notif\$7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/16 08:53
S43	1	notification same speech adj engine same developer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/16 10:52
S44	431	(programmer or developer or scientist) same ("speech recognition engine" or "speech engine" or "voice recognition" or IVR)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/16 10:54
S45	0	(programmer or developer or scientist) same ("speech recognition engine" or "speech engine" or "voice recognition" or IVR).clms.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/16 12:45
S46	47	(programmer or developer or scientist) same ("speech recognition engine" or "speech engine" or "voice recognition" or IVR) same (notification or e-mail or alert or notify)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/16 11:37
S47	1	"7162425".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/16 11:37

## EAST Search History

S48	9	(programmer or developer or scientist or engineer) same (notification or alert or notifies or notify) same confidence same level	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/16 12:54
S49	15	(programmer or developer or scientist or engineer) same (notification or alert or notifies or notify) same (confidence or probability) same level	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/16 14:20
S50	54	(programmer or developer or scientist or engineer) same (notification or alert or notifies or notify) same (confidence or probability or threshold) same level	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/16 12:56
S51	85	(programmer or developer or scientist or engineer) same (notification or alert or notifies or notify) same (confidence or probability or threshold) same (level or value)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/16 13:20
S52	5	S51 and speech	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/16 13:04
S53	37	(programmer or developer or scientist or engineer) same (notification or alert or notifies or notify) same speech	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/16 13:24
S54	22	(programmer or developer or scientist or engineer) same (notification or alert or notifies or notify) and "speech engine"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/16 13:24

## EAST Search History

S55	87	(programmer or developer or scientist or engineer) same (notification or alert or notifies or notify) same GUI	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/16 14:22
S56	3751	(programmer or developer or scientist or engineer) same (notification or alert or notifies or notify)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/16 14:22
S57	45	S56 and "704".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/16 15:23
S58	4	"6622121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/16 15:24
S59	2	"6078885".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/16 15:24
S60	2	"6119085".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/16 15:24
S61	3	"7006971".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/16 15:25



## EAST Search History

S62	871	704/251.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S63	10	(phrase or word or utterance) same recognition same ("speech recognition engine" or "speech engine") same (TTS or "text\$1to\$1speech") and pronunciation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S64	109	S62 and ("speech engine" or "speech recognition engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S65	0	"grammar\$1tree" and ("speech engine" or "speech processing engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S66	0	"grammar\$1tree" same ("speech engine" or "speech processing engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S67	1180	"grammar\$1tree" or ("speech engine" or "speech processing engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S68	8	"5933804"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29

## EAST Search History

S69	8	notif\$7 same ("speech engine" same "speech recognition engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S70	722261	notif\$7 same ("speech engine" same "speech recognition engine"]]	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S71	2	"5933804".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S72	871	704/251.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S73	159	S72 and tree	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S74	70	S73 and grammar	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S75	20	("6163768").URPN.	USPAT	OR	ON	2007/05/14 08:29
S76	227	("grammar\$1tree" or tree) and ("speech engine" or "speech processing engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29

## EAST Search History

S77	58	("4618984"   "4759068"   "4776016"   "4783803"   "4805218"   "4805219"   "4817156"   "4817158"   "4817161"   "4819271"   "4827521"   "4829576"   "4829577"   "4829578"   "4833712"   "4876720"   "4882759"   "4903305"   "4914703"   "4926488"   "4931950"   "4972485"   "4984177"   "4991217"   "5027406"   "5031217"   "5033087"   "5036538"   "5046099"   "5050215"   "5054074"   "5054085"   "5072452"   "5127055"   "5129001"   "5170432"   "5202952"   "5222190"   "5231670"   "5278942"   "5333236"   "5398220"   "5428707"   "5440663"   "5444768"   "5465317"   "5467425"   "5468947"   "5491774"   "5497447"   "5600756"   "5710864"   "5715367"   "5732187"   "5754972"   "5765132"   "5809464"   "5937380").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/14 08:29
S78	2	"20030191648"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S79	23	"developer" same ("speech engine" or "speech processing engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S80	2	("6119085").URPN.	USPAT	OR	ON	2007/05/14 08:29
S81	22	("6078885").URPN.	USPAT	OR	ON	2007/05/14 08:29

## EAST Search History

S82	255	tts adj10 (speech same engine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S83	13	(phrase or word or utterance) with recognition same ("speech recognition engine" or "speech engine") with (TTS or "text\$1to\$1speech")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S84	95	utterance same categoriz\$7	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/14 08:29
S85	6	("5384893"   "5592585"   "5682501"   "5727120"   "5774854"   "5933804").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/14 08:29
S86	1	tts adj (speech same engine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S87	13	(phrase or word or utterance) with recognition same ("speech recognition engine" or "speech engine") with (TTS or "text\$1to\$1speech")with ("speech recognition engine" or "speech engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S88	6	(phrase or word or utterance) with recognition same ("speech recognition engine" or "speech engine") same (TTS or "text\$1to\$1speech")adj10 ("speech recognition engine" or "speech engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S89	1	grammar\$1sub\$1tree\$1	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/14 08:29

## EAST Search History

S90	29	tts adj2 (speech same engine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S91	179	tts adj5 (speech same engine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S92	4	("4692941"   "4831654"   "5384893"   "5636325").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/14 08:29
S93	0	"10/647709"	USPAT	OR	ON	2007/05/14 08:29
S94	0	"10647709"	USPAT	OR	ON	2007/05/14 08:29
S95	812	(categoriz\$5 or grammar or group) same tree same (speech or words)	USPAT	OR	ON	2007/05/14 08:29
S96	251	S95 and "704".clas.	USPAT	OR	ON	2007/05/14 08:29
S97	251	S95 and "704".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S98	13	categoriz\$5 same tree same speech	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S99	1977	(categoriz\$5 or grammar or group) same tree same (speech or words)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29

## EAST Search History

S10 0	434	S99 and "704".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S10 1	4	categoriz\$5 same tree same speech	USPAT	OR	ON	2007/05/14 08:29
S10 2	50	(programmer or developer or scientist) same ("speech recognition engine" or "speech engine" or "voice recognition" or IVR) same (notification or e-mail or alert or notify)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S10 3	8	("developer" or programmer) same ("speech") same notif\$7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S10 4	1	notification same speech adj engine same developer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S10 5	0	(programmer or developer or scientist) same ("speech recognition engine" or "speech engine" or "voice recognition" or IVR).clms.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S10 6	2	"7162425".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S10 7	31	("developer" or programmer) same ("speech engine" or "speech processing engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29

## EAST Search History

S10 8	454	(programmer or developer or scientist) same ("speech recognition engine" or "speech engine" or "voice recognition" or IVR)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S10 9	43	(programmer or developer or scientist or engineer) same (notification or alert or notifies or notify) same speech	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S11 0	3973	(programmer or developer or scientist or engineer) same (notification or alert or notifies or notify)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S11 1	5	"6622121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S11 2	55	(programmer or developer or scientist or engineer) same (notification or alert or notifies or notify) same (confidence or probability or threshold) same level	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S11 3	50	S110 and "704".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S11 4	2	"6119085".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29

## EAST Search History

S11 5	3	"7006971".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S11 6	2	"6078885".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S11 7	26	(programmer or developer or scientist or engineer) same (notification or alert or notifies or notify) and "speech engine"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S11 8	15	(programmer or developer or scientist or engineer) same (notification or alert or notifies or notify) same (confidence or probability) same level	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S11 9	87	(programmer or developer or scientist or engineer) same (notification or alert or notifies or notify) same (confidence or probability or threshold) same (level or value)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 13:59
S12 0	5	S119 and speech	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S12 1	91	(programmer or developer or scientist or engineer) same (notification or alert or notifies or notify) same GUI	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29



## EAST Search History

S12 2	9	(programmer or developer or scientist or engineer) same (notification or alert or notifies or notify) same confidence same level	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:29
S12 3	2167	(extract\$3 or retriev\$3 select\$3) same (word phrase utterance) same grammar	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 12:38
S12 4	1105	S123 and "704".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 11:49
S12 5	34	S124 and 704/260.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 12:39
S12 6	7474	(extract\$3 or retriev\$3 select\$3) same (word phrase utterance) same (grammar or categor\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 12:38
S12 7	58	S126 and 704/260.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 12:51
S13 0	133	speech with recognition same test\$3 and (tts or text adj to adj speech)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 13:30

## EAST Search History

S13 1	2	"6222121".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 13:31
S13 2	2	"6622121".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 13:31
S13 3	3	("6622121").URPN.	USPAT	OR	OFF	2007/08/07 13:31
S13 4	18	("4349700"   "4783803"   "5313531"   "5572570"   "5615299"   "5652828"   "5715369"   "5751904"   "5754978"   "5758320"   "5799278"   "5806037"   "5826232"   "5878390"   "5884251"   "5890117"   "5899972"   "6119085").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/07 13:31
S13 6	80	speech adj recognition same confidence same (modifi\$6 or chang\$3 or alter or adapt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:05
S13 7	257	speech adj recognition same (confidence or threshold) same (modifi\$6 or chang\$3 or alter or adapt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:05
S13 8	3	10/269269	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/07 16:32

## EAST Search History

S13 9	2	"20040083092"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/07 16:45
S14 0	91	(speech or voice) adj recognition and confidence same (score or level) same threshold same (chang\$3 or adapt\$3 or adjust\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/07 16:48
S14 1	0	(speech or voice) adj recognition and confidence same (score or level) same threshold same (chang\$3 or adapt\$3 or adjust\$3) and 704.ccls/	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/07 16:48
S14 2	47	(speech or voice) adj recognition and confidence same (score or level) same threshold same (chang\$3 or adapt\$3 or adjust\$3) and "704".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/08 07:15
S14 4	15	(reduc\$3 or reduction) with (threshold or limit) same confidence and (speech adj recognition) and "704".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/08 07:47
S14 5	1364	704/9.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/08 09:22
S14 6	390	(tts or text\$2to\$2speech) same grammar	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:02

## EAST Search History

S14 7	269	(tts or text\$2to\$2speech) same grammar and "704".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:03
S14 8	133	(tts or text\$2to\$2speech) same grammar and (tree hierarch\$4) and "704".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:03
S14 9	0	(tts or text\$2to\$2speech) same grammar and (tree hierarch\$4) and "704/9,258-269".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:04
S15 2	25	(tts or text\$2to\$2speech) same grammar and (tree hierarch\$4) and (704/9,258-269).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:04
S15 3	909	704/251.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S15 4	10	(phrase or word or utterance) same recognition same ("speech recognition engine" or "speech engine") same (TTS or "text\$1to\$1speech") and pronunciation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S15 5	116	S153 and ("speech engine" or "speech recognition engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12

## EAST Search History

S15 6	0	"grammar\$1tree" and ("speech engine" or "speech processing engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S15 7	0	"grammar\$1tree" same ("speech engine" or "speech processing engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S15 8	1322	"grammar\$1tree" or ("speech engine" or "speech processing engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S15 9	9	"5933804"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S16 0	9	notif\$7 same ("speech engine" same "speech recognition engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S16 1	737481	notif\$7 same ("speech engine" same "speech recognition engine"]]	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S16 2	2	"5933804".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12

## EAST Search History

S16 3	909	704/251.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S16 4	166	S163 and tree	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S16 5	73	S164 and grammar	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S16 6	21	("6163768").URPN.	USPAT	OR	ON	2007/10/25 13:12
S16 7	242	("grammar\$1tree" or tree) and ("speech engine" or "speech processing engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12

## EAST Search History

S16 8	58	("4618984"   "4759068"   "4776016"   "4783803"   "4805218"   "4805219"   "4817156"   "4817158"   "4817161"   "4819271"   "4827521"   "4829576"   "4829577"   "4829578"   "4833712"   "4876720"   "4882759"   "4903305"   "4914703"   "4926488"   "4931950"   "4972485"   "4984177"   "4991217"   "5027406"   "5031217"   "5033087"   "5036538"   "5046099"   "5050215"   "5054074"   "5054085"   "5072452"   "5127055"   "5129001"   "5170432"   "5202952"   "5222190"   "5231670"   "5278942"   "5333236"   "5398220"   "5428707"   "5440663"   "5444768"   "5465317"   "5467425"   "5468947"   "5491774"   "5497447"   "5600756"   "5710864"   "5715367"   "5732187"   "5754972"   "5765132"   "5809464"   "5937380").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/25 13:12
S16 9	3	"20030191648"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S17 0	25	"developer" same ("speech engine" or "speech processing engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S17 1	2	("6119085").URPN.	USPAT	OR	ON	2007/10/25 13:12
S17 2	25	("6078885").URPN.	USPAT	OR	ON	2007/10/25 13:12

## EAST Search History

S17 3	270	tts adj10 (speech same engine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S17 4	13	(phrase or word or utterance) with recognition same ("speech recognition engine" or "speech engine") with (TTS or "text\$1to\$1speech")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S17 5	107	utterance same categoriz\$7	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/25 13:12
S17 6	6	("5384893"   "5592585"   "5682501"   "5727120"   "5774854"   "5933804").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/25 13:12
S17 7	1	tts adj (speech same engine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S17 8	13	(phrase or word or utterance) with recognition same ("speech recognition engine" or "speech engine") with (TTS or "text\$1to\$1speech")with ("speech recognition engine" or "speech engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S17 9	6	(phrase or word or utterance) with recognition same ("speech recognition engine" or "speech engine") same (TTS or "text\$1to\$1speech")adj10 ("speech recognition engine" or "speech engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S18 0	1	grammar\$1sub\$1tree\$1	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/25 13:12



## EAST Search History

S18 1	31	tts adj2 (speech same engine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S18 2	190	tts adj5 (speech same engine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S18 3	4	("4692941"   "4831654"   "5384893"   "5636325").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/25 13:12
S18 4	0	"10/647709"	USPAT	OR	ON	2007/10/25 13:12
S18 5	0	"10647709"	USPAT	OR	ON	2007/10/25 13:12
S18 6	864	(categoriz\$5 or grammar or group) same tree same (speech or words)	USPAT	OR	ON	2007/10/25 13:12
S18 7	269	S186 and "704".clas.	USPAT	OR	ON	2007/10/25 13:12
S18 8	269	S186 and "704".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S18 9	15	categoriz\$5 same tree same speech	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S19 0	2102	(categoriz\$5 or grammar or group) same tree same (speech or words)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12

## EAST Search History

S19 1	470	S190 and "704".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S19 2	6	categoriz\$5 same tree same speech	USPAT	OR	ON	2007/10/25 13:12
S19 3	53	(programmer or developer or scientist) same ("speech recognition engine" or "speech engine" or "voice recognition" or IVR) same (notification or e-mail or alert or notify)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S19 4	10	("developer" or programmer) same ("speech") same notif\$7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S19 5	1	notification same speech adj engine same developer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S19 6	0	(programmer or developer or scientist) same ("speech recognition engine" or "speech engine" or "voice recognition" or IVR).clms.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S19 7	2	"7162425".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S19 8	33	("developer" or programmer) same ("speech engine" or "speech processing engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12

## EAST Search History

S19 9	481	(programmer or developer or scientist) same ("speech recognition engine" or "speech engine" or "voice recognition" or IVR)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S20 0	49	(programmer or developer or scientist or engineer) same (notification or alert or notifies or notify) same speech	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S20 1	4320	(programmer or developer or scientist or engineer) same (notification or alert or notifies or notify)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S20 2	5	"6622121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S20 3	58	(programmer or developer or scientist or engineer) same (notification or alert or notifies or notify) same (confidence or probability or threshold) same level	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S20 4	63	S201 and "704".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S20 5	2	"6119085".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12

## EAST Search History

S20 6	3	"7006971".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S20 7	2	"6078885".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S20 8	30	(programmer or developer or scientist or engineer) same (notification or alert or notifies or notify) and "speech engine"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S20 9	16	(programmer or developer or scientist or engineer) same (notification or alert or notifies or notify) same (confidence or probability) same level	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S21 0	97	(programmer or developer or scientist or engineer) same (notification or alert or notifies or notify) same (confidence or probability or threshold) same (level or value)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S21 1	6	S210 and speech	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S21 2	95	(programmer or developer or scientist or engineer) same (notification or alert or notifies or notify) same GUI	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12

## EAST Search History

S21 3	10	(programmer or developer or scientist or engineer) same (notification or alert or notifies or notify) same confidence same level	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S21 4	270	tts adj10 (speech same engine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S21 5	49	(programmer or developer or scientist or engineer) same (notification or alert or notifies or notify) same speech	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S21 6	2	"5933804".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S21 7	9	notif\$7 same ("speech engine" same "speech recognition engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S21 8	190	tts adj5 (speech same engine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S21 9	33	("developer" or programmer) same ("speech engine" or "speech processing engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12

## EAST Search History

S22 0	53	(programmer or developer or scientist) same ("speech recognition engine" or "speech engine" or "voice recognition" or IVR) same (notification or e-mail or alert or notify)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S22 1	2	"7162425".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S22 2	10	("developer" or programmer) same ("speech") same notif\$7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S22 3	2	"6119085".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S22 4	2102	(categoriz\$5 or grammar or group) same tree same (speech or words)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S22 5	21	("6163768").URPN.	USPAT	OR	ON	2007/10/25 13:12
S22 6	481	(programmer or developer or scientist) same ("speech recognition engine" or "speech engine" or "voice recognition" or IVR)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S22 7	0	"10647709"	USPAT	OR	ON	2007/10/25 13:12

## EAST Search History

S22 8	909	704/251.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S22 9	166	S228 and tree	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S23 0	73	S229 and grammar	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S23 1	864	(categoriz\$5 or grammar or group) same tree same (speech or words)	USPAT	OR	ON	2007/10/25 13:12
S23 2	269	S231 and "704".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S23 3	0	"10/647709"	USPAT	OR	ON	2007/10/25 13:12
S23 4	3	"20030191648"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12

## EAST Search History

S23 5	58	("4618984"   "4759068"   "4776016"   "4783803"   "4805218"   "4805219"   "4817156"   "4817158"   "4817161"   "4819271"   "4827521"   "4829576"   "4829577"   "4829578"   "4833712"   "4876720"   "4882759"   "4903305"   "4914703"   "4926488"   "4931950"   "4972485"   "4984177"   "4991217"   "5027406"   "5031217"   "5033087"   "5036538"   "5046099"   "5050215"   "5054074"   "5054085"   "5072452"   "5127055"   "5129001"   "5170432"   "5202952"   "5222190"   "5231670"   "5278942"   "5333236"   "5398220"   "5428707"   "5440663"   "5444768"   "5465317"   "5467425"   "5468947"   "5491774"   "5497447"   "5600756"   "5710864"   "5715367"   "5732187"   "5754972"   "5765132"   "5809464"   "5937380").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/25 13:12
S23 6	6	categoriz\$5 same tree same speech	USPAT	OR	ON	2007/10/25 13:12
S23 7	15	categoriz\$5 same tree same speech	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S23 8	107	utterance same categoriz\$7	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/25 13:12
S23 9	25	"developer" same ("speech engine" or "speech processing engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12



## EAST Search History

S24 0	13	(phrase or word or utterance) with recognition same ("speech recognition engine" or "speech engine") with (TTS or "text\$1to\$1speech")with ("speech recognition engine" or "speech engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:12
S24 1	31	tts adj2 (speech same engine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13
S24 2	4	("4692941"   "4831654"   "5384893"   "5636325").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/25 13:13
S24 3	6	("5384893"   "5592585"   "5682501"   "5727120"   "5774854"   "5933804").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/25 13:13
S24 4	2	("6119085").URPN.	USPAT	OR	ON	2007/10/25 13:13
S24 5	25	("6078885").URPN.	USPAT	OR	ON	2007/10/25 13:13
S24 6	1322	"grammar\$1tree" or ("speech engine" or "speech processing engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13
S24 7	4320	(programmer or developer or scientist or engineer) same (notification or alert or notifies or notify)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13
S24 8	63	S247 and "704".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13

## EAST Search History

S24 9	909	704/251.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13
S25 0	116	S249 and ("speech engine" or "speech recognition engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13
S25 1	10	(programmer or developer or scientist or engineer) same (notification or alert or notifies or notify) same confidence same level	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13
S25 2	737481	notif\$7 same ("speech engine" same "speech recognition engine")]	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13
S25 3	1	tts adj (speech same engine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13
S25 4	0	"grammar\$1tree" and ("speech engine" or "speech processing engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13
S25 5	5	"6622121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13

## EAST Search History

S25 6	1	grammar\$1sub\$1tree\$1	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/25 13:13
S25 7	16	(programmer or developer or scientist or engineer) same (notification or alert or notifies or notify) same (confidence or probability) same level	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13
S25 8	95	(programmer or developer or scientist or engineer) same (notification or alert or notifies or notify) same GUI	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13
S25 9	10	(phrase or word or utterance) same recognition same ("speech recognition engine" or "speech engine") same (TTS or "text\$1to\$1speech") and pronunciation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13
S26 0	269	S231 and "704".clas.	USPAT	OR	ON	2007/10/25 13:13
S26 1	6	(phrase or word or utterance) with recognition same ("speech recognition engine" or "speech engine") same (TTS or "text\$1to\$1speech")adj10 ("speech recognition engine" or "speech engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13
S26 2	97	(programmer or developer or scientist or engineer) same (notification or alert or notifies or notify) same (confidence or probability or threshold) same (level or value)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13
S26 3	6	S262 and speech	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13

## EAST Search History

S26 4	0	"grammar\$1tree" same ("speech engine" or "speech processing engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13
S26 5	1	notification same speech adj engine same developer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13
S26 6	242	("grammar\$1tree" or tree) and ("speech engine" or "speech processing engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13
S26 7	13	(phrase or word or utterance) with recognition same ("speech recognition engine" or "speech engine") with (TTS or "text\$1to\$1speech")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13
S26 8	470	S224 and "704".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13
S26 9	58	(programmer or developer or scientist or engineer) same (notification or alert or notifies or notify) same (confidence or probability or threshold) same level	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13
S27 0	0	(programmer or developer or scientist) same ("speech recognition engine" or "speech engine" or "voice recognition" or IVR).clms.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13

## EAST Search History

S27 1	9	"5933804"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13
S27 2	30	(programmer or developer or scientist or engineer) same (notification or alert or notifies or notify) and "speech engine"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13
S27 3	3	"7006971".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13
S27 4	2	"6078885".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13
S27 5	2235	(extract\$3 or retriev\$3 select\$3) same (word phrase utterance) same grammar	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13
S27 6	1148	S275 and "704".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13
S27 7	35	S276 and 704/260.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13

## EAST Search History

S27 8	2	"6222121".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13
S27 9	2	"6622121".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13
S28 0	18	("4349700"   "4783803"   "5313531"   "5572570"   "5615299"   "5652828"   "5715369"   "5751904"   "5754978"   "5758320"   "5799278"   "5806037"   "5826232"   "5878390"   "5884251"   "5890117"   "5899972"   "6119085").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/25 13:13
S28 1	86	speech adj recognition same confidence same (modifi\$6 or chang\$3 or alter or adapt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13
S28 2	7770	(extract\$3 or retriev\$3 select\$3) same (word phrase utterance) same (grammar or categor\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13
S28 3	269	speech adj recognition same (confidence or threshold) same (modifi\$6 or chang\$3 or alter or adapt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13
S28 4	60	S282 and 704/260.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13

## EAST Search History

S28 5	3	10/269269	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/25 13:13
S28 6	138	speech with recognition same test\$3 and (tts or text adj to adj speech)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:13
S28 7	3	("6622121").URPN.	USPAT	OR	OFF	2007/10/25 13:13
S28 8	51	(speech or voice) adj recognition and confidence same (score or level) same threshold same (chang\$3 or adapt\$3 or adjust\$3) and "704".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/25 13:13
S28 9	96	(speech or voice) adj recognition and confidence same (score or level) same threshold same (chang\$3 or adapt\$3 or adjust\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/25 13:13
S29 0	2	"20040083092"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/25 13:13
S29 1	0	(speech or voice) adj recognition and confidence same (score or level) same threshold same (chang\$3 or adapt\$3 or adjust\$3) and 704.ccls/	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/25 13:13
S29 2	15	(reduc\$3 or reduction) with (threshold or limit) same confidence and (speech adj recognition) and "704".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/25 13:13

## EAST Search History

S29 3	1432	704/9.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/25 13:13
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